



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN D980607790

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Jones Lot (Owens-Illinois)		3775 E 575 S			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Gas City	IN	46933	Grant	53	5
09 COORDINATES LATITUDE		LONGITUDE			
40° 28' 25.0" N		085° 36' 10.0" W		Gas City, Ind. Quad	
10 DIRECTIONS TO SITE (Starting from nearest public road)					

EPA Region 5 Records Ctr.



306026

III. RESPONSIBLE PARTIES

01 OWNER (If known)		02 STREET (Business, mailing, residential)			
R. Jones		3775E 575S			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Gas City	IN	46933	( )		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
Owens-Illinois; A.W. Long - Env. Coord.		1 Seagate			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
Toledo	OH	43666	(419) 247-5125		
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL					
<input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: \_\_\_\_/\_\_\_\_/\_\_\_\_ MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 6/12/81 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES DATE \_\_\_\_/\_\_\_\_/\_\_\_\_ MONTH DAY YEAR ☒ NO

BY (Check all that apply)

☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: \_\_\_\_\_ (Specify)

CONTRACTOR NAME(S): \_\_\_\_\_

02 SITE STATUS (Check one)

☐ A. ACTIVE ☒ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

1978 | 1979 ☐ UNKNOWN

BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Heavy Metals (toxic, persistent)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater (population, environment)

Surface Water (environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (inspection required promptly) ☒ B. MEDIUM (inspection required) ☐ C. LOW (inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER
George Oliver	Indiana State Board of Health		(317) 633-0213
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER
Michael Dalton	LPC	ISBH	(317) 633-0158
			08 DATE
			5, 14, 84
			MONTH DAY YEAR



<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I. HIGHLY VOLATILE
<input type="checkbox"/> B. CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> C RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input checked="" type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input type="checkbox"/> M NOT APPLICABLE

Modern Glass Practice, 7th Ed., Samuel R. Scholes.



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER  
IN D980607790

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED ~ 9000 04 NARRATIVE DESCRIPTION

Depending upon soil conditions (ph, moisture, corrosivity, etc.), the potential for the release of chromium (including Cr<sup>16</sup>) into the groundwater exists. The site is unlined.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

This may be the primary concern. The fill areas is a ravine leading to Shell Run (a trib. of the Mississinewa River), leachate may migrate along the old ravine and out through the base of the fill area. From here the leachate may enter the surface water.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED: 1/4 (Acres) 04 NARRATIVE DESCRIPTION

The area of the landfill.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED ~ 9000 04 NARRATIVE DESCRIPTION

There are residential wells within 150 feet of the fill area. The wells are fairly deep (approx. 180') but migration along the casings and hence into the groundwater is possible. There are about 9000 people in a 5 mile radius which derive their drinking water from the groundwater.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED ~ 9000 04 NARRATIVE DESCRIPTION  
See Items A & G.



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
TN D980607790

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☒ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

See Item B.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff, standing liquids, leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_  
04 NARRATIVE DESCRIPTION  
See Item A & B.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 9000

IV. COMMENTS

The ravine is filled with clay, gravel & chrome refractory brick from Owens-Illinois. It is not known how much or how available the chromium is but it is possible that a changing soil environment could cause a release. O-I has installed monitoring wells at a similar site in Illinois but they won't make the data available. A.W. Long, Environmental Coordinator does not feel it is a problem.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis reports)

ISBH files.  
Interview with Mr. R. Jones, landowner.  
SCS files.  
Conversations with A.W. Long, Environmental Coordinator, Owens-Illinois.

Not.. RCEA

1N-0222-07

## EXECUTIVE SUMMARY

EPA ID# IND980607790

WINDSHIELD SURVEY    X YES    NO

Original Company Name: Jones Lot

Revised Company Name: Jones Lot (Owens - Illinois)

**Alias Names:**

Original X Address: 3775E - 575S

Corrected Gas City, IN 46933

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	Generator	Treatment, Storage, Disposal (TSD)
X Landfill		

Transporter                      Other:

PRIORITY ASSESSMENT:

HIGH                      X MEDIUM                      LOW                      NO FURTHER ACTION (NONE)

CLASS:

I-STATE LEAD

X II-REM/FIT LEAD

State Accompanies  
FIT

III-REM/FIT LEAD

IV OTHER:

Limited On-site  
State Involvement

State Priority Assessment Justification: There is no data available on the amount or availability of the chromium in the refractory brick. A site inspection is necessary to determine the nature of the threat (if any) that this site poses to the surface and groundwater quality.

State Comments Re: PA X SI Follow-up SI RPS HRS  
Soil, leachate and surface water sampling should be conducted as well as for  
any residential wells in the area. Mr. A.W. Long, Environmental Coordinator  
for Owens-Illinois stated that they may install groundwater monitoring wells in  
the next few years. We may be able to persuade him to do so sooner.

## STATE INVOLVEMENT

COMPLETE DOCUMENTS:

X Preliminary Assessments  
     Site Inspection  
     Follow-up Site Inspection  
     Responsible Party Search  
     Hazard Ranking System (HRS)

REVIEW DOCUMENTS:

           Preliminary Assessments  
X Site Inspection  
X Follow-up Site Inspection  
X Responsible Party Search  
X Hazard Ranking System (HRS)

Prepared by: Michael Dalton

Phone: (317) 633-0158

Date: 5/14/84